

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Earl F. BARRICK et al.  
Title: SYSTEM AND METHOD FOR AUTOMATIC SHAPE REGISTRATION AND INSTRUMENT TRACKING

Appl. No.: Unassigned

Filing Date: January 3, 2001

Examiner: Unassigned

Art Unit: Unassigned

**UTILITY PATENT APPLICATION**  
**TRANSMITTAL**

Commissioner for Patents  
Box PATENT APPLICATION  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b) is the nonprovisional utility patent application of:

Earl Frederick BARRICK  
Kenneth James HINTZ

Enclosed are:

- ☒ [ X ] Specification, Claim(s), and Abstract (36 pages).
- ☒ [ X ] Informal drawings (7 sheets, Figures 1-8B).
- ☒ [ X ] Declaration and Power of Attorney (4 pages).
- ☐ [ ] Assignment Recordation Cover Sheet.
- ☐ [ ] Check in the amount of \$40.00 for Assignment recordation.
- ☒ [ X ] Applicant is a small entity; no separate declaration is supplied.
- ☐ [ ] Information Disclosure Statement.
- ☐ [ ] Form PTO-1449 with copies of     listed reference(s).

The filing fee is calculated below:

	Claims as Filed	Included in Basic Fee	Extra Claims	Rate	Fee Totals
Basic Fee				\$710.00	\$710.00
Total Claims:	31	- 20	= 11	x \$18.00	= \$198.00
Independents:	12	- 3	= 9	x \$80.00	= \$720.00
If any Multiple Dependent Claim(s) present:			+	\$260.00	= \$0.00
				SUBTOTAL:	= \$1628.00
[ ] Small Entity Fees Apply (subtract ½ of above):				=	\$814.00
				TOTAL FILING FEE:	= \$814.00

1c841 U.S. PTO  
09/15/2557  
01/03/01

- [X] A check in the amount of \$814.00 to cover the filing fee is enclosed.
- [ ] The required filing fees are not enclosed but will be submitted in response to the Notice to File Missing Parts of Application.
- [ ] The Assistant Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Assistant Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

Date January 3, 2001

By

FOLEY & LARDNER  
Washington Harbour  
3000 K Street, N.W., Suite 500  
Washington, D.C. 20007-5109  
Telephone: (202) 672-5412  
Facsimile: (202) 672-5399

Richard L. Schwaab  
Registration No. 25,479